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S2	0	360/324.11.ccls "."	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 13:04
S3	287	360/324.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/03/17 09:28
S4	350	"360"/\$.ccls. and (("longitudinal biasing" or "longitudinal bias") same (ferromagnetic or antiferromagnetic))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/03/17 09:28
S5	268	360/324.12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 09:50
S6	248	360/324.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:40
S7	185	360/324.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:40
S8	212	360/324.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:40
S9	268	360/324.12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/09/30 17:56
S10	178	360/324.12.ccls. and "free layer"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/09/30 18:35
S11	5	("5862021"   "5920446"   "6134090"   "6208491"   "6266218").PN.	USPAT	OR	ON	2003/09/30 18:15

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S23	2	"6295186".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/09/30 20:34

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S25	2	"5436778".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2003/09/30 20:37
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S39	32	360/327.3.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 12:37
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S41	7	("5302461"   "5465185"   "5528440"   "5729410"   "5729411"   "6118624"   "6172859").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 12:59
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S43	1018	"360"/\$.ccls. and (("longitudinal biasing" or "longitudinal bias") same ((ferromagnetic and antiferromagnetic) same free))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 13:07
S44	166	"360"/\$.ccls. and ((longitudinal near3 bias\$3) same ((ferromagnetic and antiferromagnetic) same free))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 13:07
S45	7	("5302461"   "5465185"   "5528440"   "5729410"   "5729411"   "6118624"   "6172859").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 13:26
S46	2	("5920446"   "6038107").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 13:39
S47	2	("6266218").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/05/26 13:39
S48	34	("6266218").URPN.	USPAT	OR	OFF	2005/05/26 13:39

S49	1	((longitudinal near2 bias\$3) same free) and (in near2 stack) and Klimowicz.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:18
S50	6	("5701223"   "5883764"   "5896252"   "5919580"   "6268985"   "6348274").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 14:15
S51	0	((longitudinal near2 bias\$3) same free) and (in near2 stack) and Klimowicz.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:18
S52	0	((longitudinal near2 bias\$3) same free) and (in near2 stack) and Evans.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:18
S53	1	((longitudinal near2 bias\$3) same free) and (in near2 stack) and Evans.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:18
S54	405	360/324.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:40
S55	344	360/324.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:40
S56	386	360/324.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:40
S57	706	((longitudinal near2 bias\$3) same free)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:41
S58	98	S57 and "29"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:45
S59	52	S57 and "428"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/26 14:45


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| <input type="checkbox"/> | <b>2. Submicron trackwidth and stripe height MR sensor test structures</b><br>Fontana, R.E., Jr.; MacDonald, S.A.; Ching Tsang; Tsann Lin;<br>Magnetics, IEEE Transactions on<br>Volume 32, Issue 5, Sept. 1996 Page(s):3440 - 3442<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(788 KB)</a> IEEE JNL   |
| <input type="checkbox"/> | <b>3. Modeling and measurement of hard-magnet biasing strengths on MR-SAL structu</b><br>Yuan, S.W.; Liao, S.H.; Kobayashi, T.;<br>Magnetics, IEEE Transactions on<br>Volume 30, Issue 6, Nov 1994 Page(s):4257 - 4259<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(236 KB)</a> IEEE JNL  |
| <input type="checkbox"/> | <b>4. Side-shielded tunneling magnetoresistive read head for high-density recording</b><br>Haginoya, C.; Hatatani, M.; Meguro, K.; Ishikawa, C.; Yoshida, N.; Kusakawa, K.; Wata<br>Magnetics, IEEE Transactions on<br>Volume 40, Issue 4, July 2004 Page(s):2221 - 2223<br><a href="#">AbstractPlus</a>   <a href="#">References</a>   Full Text: <a href="#">PDF(160 KB)</a> IEEE JNL |
| <input type="checkbox"/> | <b>5. A tunneling magnetoresistance sensor overlaid with a longitudinal bias stack in :</b><br>Tsann Lin; Mauri, D.; Ty Chen; Wolfman, J.;<br>Magnetics Conference, 2002. INTERMAG Europe 2002. Digest of Technical Papers. 2<br>International<br>28 April-2 May 2002 Page(s):CA5<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(230 KB)</a> IEEE CNF                     |
| <input type="checkbox"/> | <b>6. Spin-valves with a hard/Ru/soft synthetic longitudinal bias</b><br>Zheng, Y.; Yihong Wu;<br>Magnetics Conference, 2003. INTERMAG 2003. IEEE International<br>28 March-3 April 2003 Page(s):DD - 06<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF(182 KB)</a> IEEE CNF  |

- ☐ **7. Vertical giant magnetoresistive read heads for 50-Gb/in/sup 2/ magnetic recordin**  
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- ☐ **8. Characterization of exchange coupling at NiFe-CoPt interface**  
Pei Zou; Ryan, P.J.; Zhijun Yang; Kryder, M.H.;  
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- ☐ **9. Spin-valve sensors with domain control hard magnet layers**  
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- ☐ **10. Stability and biasing characteristics of a permanent magnet biased SAL/MR devi**  
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- ☐ **11. A new technique of noise reduction for large aspect magnetoresistors**  
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- ☐ **12. Microtrack profiling technique for narrow track tape heads**  
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- ☐ **13. Spin transfer induced noise in CPP read heads**  
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- ☐ **14. Fabrication and characterization of contiguous permanent magnet junctions**  
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- ☐ **15. Discussions on suitable modulation schemes for a bi-directional hot electron lig  
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Wah, J.-Y.; Yenidunva, R.; Boland-Thoms, A.; Demirer, R.M.; Balkan, N.;  
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- ☐ **16. Flux-guide type tunnel-valve head for helical scan tape system**  
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- ☐ **17. Micromagnetic analysis of permanent magnet biased narrow track spin-valve head**  
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- ☐ **18. Electrical characteristics of a 500 Mb/in<sup>2</sup> slanted contact MR head**  
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- ☐ **19. Allicat magnetoresistive head design and performance**  
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- ☐ **20. Stability in in-stack biased CPP SV heads**  
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- ☐ **21. Magnetic domain instability in MR heads due to overlaid structure of permanent**  
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- ☐ **22. Multi-tapped magnetoresistive heads for magnetic tape tracking servo**  
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- ☐ **23. A high temperature stable spin valve sensor head for high density applications**  
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- ☐ **24. Fabrication and wafer testing of barber-pole and exchange-biased narrow-track head**  
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- ☐ **25. A High-Power Coaxial Ferrite Phase Shifter (Correspondence)**  
Boxer, A.S.; Hershenov, S.; Landry, E.F.;  
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| <input type="checkbox"/> | <b>2. Unshielded MR elements with patterned exchange-biasing</b><br>Tsang, C.;<br>Magnetics, IEEE Transactions on<br>Volume 25, Issue 5, Sep 1989 Page(s):3692 - 3694<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF</a> (292 KB) IEEE JNL   |
| <input type="checkbox"/> | <b>3. Microstrip open-end discontinuity on a nonreciprocal ferrite substrate</b><br>Hung-Yu Yang;<br>Microwave Theory and Techniques, IEEE Transactions on<br>Volume 42, Issue 12, Dec 1994 Page(s):2423 - 2428<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF</a> (540 KB) IEEE JNL   |
| <input type="checkbox"/> | <b>4. A new technique of noise reduction for large aspect magnetoresistors</b><br>Flynn, D.I.;<br>Magnetics, IEEE Transactions on<br>Volume 30, Issue 3, May 1994 Page(s):1263 - 1266<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF</a> (276 KB) IEEE JNL   |
| <input type="checkbox"/> | <b>5. Stress dependence of sound velocity in Fe-based amorphous wires</b><br>Chiriac, H.; Hristoforou, E.; Neagu, M.; Vazquez, M.; Hison, C.;<br>Magnetics, IEEE Transactions on<br>Volume 36, Issue 5, Sept 2000 Page(s):3436 - 3438<br><a href="#">AbstractPlus</a>   <a href="#">References</a>   Full Text: <a href="#">PDF</a> (52 KB) IEEE JNL |
| <input type="checkbox"/> | <b>6. Microstrip open-end discontinuity on a nonreciprocal ferrite substrate</b><br>Hung-Yu Yang;<br>Microwave Symposium Digest, 1994., IEEE MTT-S International<br>23-27 May 1994 Page(s):599 - 602 vol.2<br><a href="#">AbstractPlus</a>   Full Text: <a href="#">PDF</a> (412 KB) IEEE CNF  |

- ☐ 7. **Submicron trackwidth and stripe height MR sensor test structures**  
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IEEE JNL IEEE Journal or Magazine

IEEE JNL IEEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEEE Conference Proceeding

IEEE STD IEEE Standard

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Volume 40, Issue 4, July 2004 Page(s):2437 - 2439  
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